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(54) AIRPLANE

(57) Abstract:

PROBLEM TO BE SOLVED: To use a canard plane as a passenger airplane by arranging a tip tail assembly in front of a main fuselage, vertically separating a main wing backward, installing the main wing so as to be dislocated forward, and connecting the tip tail assembly and the tip of the main wing by a sub-fuselage.

SOLUTION: A main wing 31 is arranged in front and in rear, and an airframe is supported by longitudinally dislocating the main wing 31. Even if the center of gravity existing in the central vicinity of a main fuselage 34 of the airframe moves slightly longitudinally more than when supported by a single main wing, a flight can be stably performed, and a moving range of the center of gravity of a canard plane is increased to enhance stability. A sub-fuselage 32 is installed outside, and the tip of a front wing 33 and the main wing 31 is fixed in both three wings. A large passenger airplane is improved in stability, and the outside of a main wing of a voyager type is too long, but brings about the same effect as a wing of an outside part is installed inside the sub-fuselage 32. Thus, the airframe can be made compact, and strength of the whole airframe can be increased.

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